

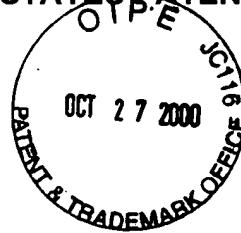
10 - 30 - 00

DAC / CPA
#

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of
JOSEPH A. ZIEROLF

Serial No. 09/286,650
Filing Date: April 6, 1999



Examiner A. Wong
Group Art Unit 2735

Docket 200099 USA

For: METHOD AND APPARATUS FOR DETERMINING POSITION IN A PIPE

Assistant Commissioner for Patents
Box DAC
Washington, D. C. 20231

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Sir:

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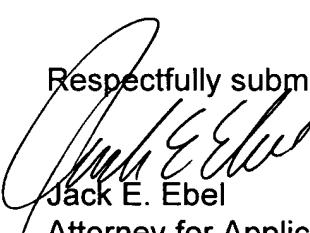
TRANSMITTAL LETTER

October 27, 2000

Enclosed for filing in the above application are the following:

- Continued Prosecution Application (CPA) Request Transmittal.
- Fee Transmittal FY 2000.
- Petition Routing Slip
- Petition for Withdrawal from Issue for Abandonment to Permit Consideration of an Information Disclosure Statement Under §1.97 in a Continuing Application.
- A Preliminary Amendment (pages 1-7).
- An Information Disclosure Statement along with copies of all cited references.
- A return receipt postcard.

Respectfully submitted,


Jack E. Ebel
Attorney for Applicant
Reg. No. 28,148
(303) 347-5622



CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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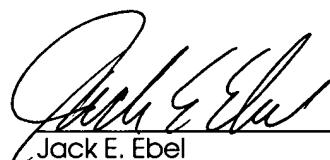
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Express Mail No. EK 742 573 321US
Date of Deposit: October 27, 2000

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10/27/00
Date of Signature



Jack E. Ebel

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1610.00)

Complete if Known

Application Number	09/286,650
Filing Date	April 6, 1999
First Named Inventor	ZIEROLF, JOSEPH A.
Examiner Name	WONG, A.
Group Art Unit	2735
Attorney Docket No.	200099 USA

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METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	13-1505
Deposit Account Name	

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)		
101	710	201	355	Utility filing fee	710
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	45	-20** = 25	x 18 = 450
Independent Claims	7	- 3** = 4	x 80 = 320
Multiple Dependent			=

Large Entity		Small Entity		Fee Description
Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

**or number previously paid, if greater. For Reissues, see above

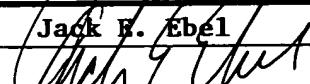
3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	130
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$)** 130

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Jack E. Ebel	Registration No. (Attorney/Agent)	28,148	Telephone	303 347 5622
Signature				Date	10/27/00

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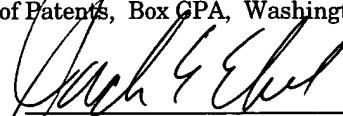
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Date of Deposit: October 27, 2000

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10/27/00

Date of Signature



Jack E. Ebel, Attorney For Applicant